

EAST Search History

L1	148	<p>(US-20040164421-\$).did. or (US-5773359-\$ or US-5767010-\$ or US-5736456-\$ or US-5503286-\$ or US-5470787-\$ or US-6541303-\$ or US-6201679-\$ or US-5891756-\$ or US-6426281-\$ or US-5391914-\$ or US-5885891-\$ or US-5946590-\$ or US-5953623-\$ or US-5492235-\$ or US-5872399-\$ or US-6093630-\$ or US-5903058-\$ or US-6347947-\$ or US-6170737-\$ or US-6426556-\$ or US-5629564-\$ or US-4764804-\$ or US-6121069-\$ or US-6147413-\$ or US-6180265-\$ or US-6222279-\$).did. or (US-6187680-\$ or US-5726501-\$ or US-6375062-\$ or US-6211052-\$ or US-6232212-\$ or US-5384283-\$ or US-6258705-\$ or US-6133136-\$ or US-6551861-\$ or US-6314641-\$ or US-5124179-\$ or US-6293457-\$ or US-5683939-\$ or US-5937320-\$ or US-6461954-\$ or US-6415974-\$ or US-5775569-\$ or US-6077726-\$ or US-5376584-\$ or US-6512298-\$ or US-6504178-\$ or US-5902686-\$ or US-6489229-\$ or US-5977632-\$ or US-6181569-\$ or US-6030512-\$ or US-6333559-\$).did. or (US-5943597-\$ or US-6348730-\$ or US-4360142-\$ or US-6232662-\$ or US-6327158-\$ or US-5173761-\$ or US-6407459-\$ or US-5468995-\$ or US-6186392-\$ or US-5137845-\$ or US-5298459-\$ or US-6281106-\$ or US-5959355-\$ or US-4582244-\$ or US-6291893-\$ or US-6291778-\$ or US-5557501-\$ or US-5607099-\$ or US-5508230-\$ or US-6107180-\$ or US-5155325-\$ or US-4577798-\$ or US-5523588-\$ or US-6472315-\$ or US-6303464-\$ or US-6037668-\$ or US-5886410-\$).did. or (US-5938103-\$ or US-6239019-\$ or US-6448650-\$ or US-5986348-\$ or US-6492198-\$ or US-4985310-\$ or US-4840302-\$ or US-5591941-\$ or US-5872400-\$ or US-6376279-\$ or US-6492197-\$ or US-6348399-\$ or US-5786236-\$ or US-6387793-\$ or US-5354717-\$ or US-6201305-\$ or US-6165885-\$ or US-5719070-\$ or US-5841198-\$ or US-6283358-\$ or US-6440836-\$ or US-6179200-\$ or US-6313024-\$ or US-6389691-\$ or US-6400021-\$ or US-5260518-\$ or US-4950623-\$).did. or (US-4661375-\$ or US-6413851-\$ or US-6451681-\$ or US-5534465-\$ or US-3663184-\$ or US-5136364-\$ or US-5219117-\$ or 11C_5004850_& or 11C_6818545_& or </p>	US-PGPUB; USPAT; JPO	OR	ON	2006/09/19 19:24
9/19/06	10:25:53 PM	C:\Documents and Settings\11C\My Documents\EAST\Workspaces\%bump-barrier-metallurgy-diamond-layer.wsp			Page 2	

EAST Search History

L2	3	("6696356").URPN.	USPAT	OR	ON	2006/09/19 21:40
L3	10	("20020105076" "20020121692" "4224361" "4666823" "5178989" "5946590" "6087267" "6413851" "6420098" "6461953").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 19:31
L4	16	("20010033020" "5130275" "5277756" "5290732" "5468655" "5587342" "5607099" "5863812" "5933752" "5943597" "5946590" "6057168" "6165885" "6251501" "6251797" "6281106").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 19:40
L5	10	("5277756").URPN.	USPAT	OR	ON	2006/09/19 20:12
L6	16	("3625837" "4000842" "4087314" "4188438" "4505029" "4510017" "4519872" "4671852" "4701363" "4787958" "4792532" "4810620" "4812421" "4922322" "4927505" "5130275").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:14
L7	16	("20010033020" "5130275" "5277756" "5290732" "5468655" "5587342" "5607099" "5863812" "5933752" "5943597" "5946590" "6057168" "6165885" "6251501" "6251797" "6281106").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 20:17
L8	21	("5298459").URPN.	USPAT	OR	ON	2006/09/19 21:08
L9	3	("4787958" "4880708" "5108950").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 21:19
L10	15	"6426556"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 21:19
L11	9	"6415974"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 21:19
L12	10	"6332988"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 21:20
L13	33	10 11 12	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 21:20
L14	5444	257/737,738,779,780,781.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:53

EAST Search History

L15	5584	438/612,613,614.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:55
L16	4772	257/e23.021,e23.069.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:56
L17	13070	14 15 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:56
L18	726	17 and (ubm (under near bump near metallurg\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 22:22
L19	433	18 and barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:58
L20	312	19 and ((bond bonding) near pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:58
L21	258	20 and passivation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:58
L22	228	21 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:59
L23	107	2 3 4 5 6 7 8 9 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:59
L24	219	22 not 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 21:59

EAST Search History

L25	219	24 and (bump ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 22:20
L26	86	DAUBENSPECK-TIMOTHY DAUBENSPECK-TIMOTHY-H DAUBENSPECK-TIMOTHY-HARRISON DAUBENSPECK-T-H	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 22:21
L27	1	26 and (ubm (under near bump near metallurg\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 22:22
L28	17	26 and (bump ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/19 22:22